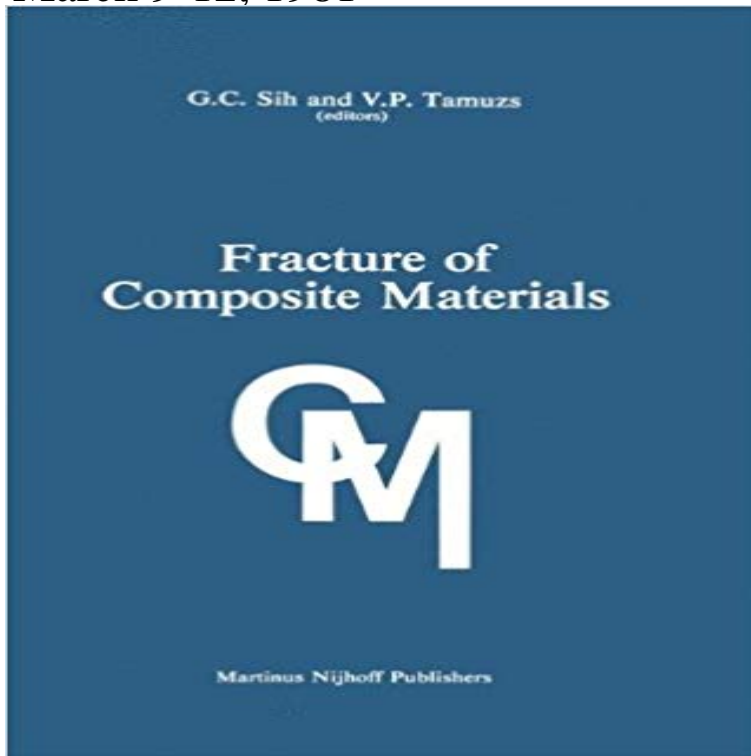


Fracture of Composite Materials: Proceedings of the Second USA-USSR Symposium, held at Lehigh University, Bethlehem, Pennsylvania USA March 9-12, 1981



The Second USA-USSR Symposium on Fracture of Composite Materials took place at Lehigh University, Bethlehem, Pennsylvania, during 9-12 March, 1981. This bilateral program between the U. S. and Soviet Union was organized by Professor George C. Sih of the Institute of Fracture and Solid Mechanics at Lehigh University and Dr. Vitauts P. Tamuzs of the Institute of Polymer Mechanics of the Academy of Sciences of the Latvian SSR in Riga. The First Symposium was held in 1978 at Jurmala near the coast of Riga Bay. The primary reasons for initiating this series of Symposia were to disseminate present knowledge, to promote interchange of ideas, and to stimulate additional studies on the development of composite materials between the U. S. and USSR. Both countries have a vested interest in developing the capability to assess and utilize the attractive mechanical properties of composites so that they can be tailor-made to meet specific design requirements. Despite the increasing number of published papers and articles, there is no communication more effective than on a person-to-person basis. It is with this objective in mind that a small group of engineers and scientists from the U. S. and USSR have planned to meet every two years to report recent progress on composite material research. The size of this group is approximately sixty (60) participants. The presentation involves about forty (40) technical papers which are published in volume.

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